ABSTRACT

Conventionally, when a document is displayed on a mobile telephone whose screen size is limited, all the information cannot be displayed at a time. This drawback has resulted in a problem that grasping the content requires the button operation and screen switching. A Chinese-character Index is automatically created from the document, then being displayed. First, in the character-string extraction process 102, in the document inputted in the input process 101, the character string is divided and selected according to the character type, thereby creating a compact sentence. Next, in the character-string analysis process 104, priority order is allocated from the compact sentence. Moreover, in the Chinese-character Index creation process 106, necessary $m \times n$ characters are extracted from the character-string analysis result in accordance with the priority order. Then, these characters are two-dimensionally located in an m-row $\times$ n-column arrangement, thereby creating the Chinese-character Index. The Chinese-character Index created is outputted to the output process 107.